

OPINION 73

FIVE GENERIC NAMES IN CRINOIDEA, EIGHTY-SIX GENERIC NAMES IN CRUSTACEA, AND EIGHT GENERIC NAMES IN ACARINA, PLACED IN THE OFFICIAL LIST OF GENERIC NAMES

SUMMARY.—The following names are hereby placed in the Official List of Generic Names: CRINOIDEA: *Antedon*, *Bathyrinus*, *Holopus*, *Metacrinus*, *Rhizocrinus*. CRUSTACEA: *Acanthocyclus*, *Actæa*, *Actæomorpha*, *Actumnus*, *Arcania*, *Archias*, *Arenæus*, *Atergatis*, *Atergatopsis*, *Banarcia*, *Bathynectes*, *Bellia*, *Benthochascon*, *Caphyra*, *Carpilius*, *Carpilodes*, *Carpoporos*, *Carupa*, *Chlorodopsis*, *Cænophthalmus*, *Corystoides*, *Cryptocnemus*, *Cyclodius*, *Cymo*, *Dacryopilumnus*, *Daira*, *Deckenia*, *Domccia*, *Ebalia*, *Epilobocera*, *Epimelus*, *Erimacrus*, *Erimetopus*, *Euphyllax*, *Favus*, *Gecarcinucus*, *Hepatella*, *Heterolithadia*, *Heteronucia*, *Heterozius*, *Hydrothelphusa*, *Iliacantha*, *Iphiculus*, *Iphis*, *Ixa*, *Leucosilia*, *Lissocarcinus*, *Lithadia*, *Lupocyclus*, *Merocryptus*, *Myrodes*, *Nucia*, *Nursia*, *Nursilia*, *Onychomorpha*, *Oreophorus*, *Osachila*, *Paracyclois*, *Parathelphusa*, *Parathranites*, *Parilia*, *Pariphiculus*, *Persephona*, *Phlyxia*, *Pirimela*, *Platymera*, *Podophthalmus*, *Polybius*, *Portumnus*, *Potamocarcinus*, *Potamonautes*, *Pseudophilyra*, *Pseudothelphusa*, *Randallia*, *Scylla*, *Spelæophorus*, *Sphærocarcinus*, *Telmessus*, *Thalamita*, *Thalamitoides*, *Thalamonyx*, *Tlos*, *Trachycarcinus*, *Trichodactylus*, *Trichopeltarion*, *Valdieuia*. ACARINA: *Amblyomma*, *Argas*, *Dermacentor*, *Hæmaphysalis*, *Hyalomma*, *Ixodes*, *Rhipicentor*, *Rhipiccephalus*.

STATEMENT OF CASE.¹—*Crinoidea*. The following five generic names in Crinoidea were submitted to the International Commission by Mr. Austin Hobart Clark, Secretary to the Advisory Committee on the Nomenclature of Echinoderms, with recommendation that they be placed in the Official List of Generic Names. Mr. Clark reported that all of these names are in general use, that under the International Rules they are nomenclatorially correct and valid, and that no question or objection can arise as to their status. The names were brought to the attention of the zoological profession in the Secretary's Circular Letter no. 7, dated May, 1915. In reply to this [Circular Letter no. 7], no person has raised any question or objection of any kind whatsoever to the five names here submitted for final vote. These same five names, with identical types, were sub-

¹ Abbreviations used in the above and following lists:

tod = Type by original designation.
 tpd = Type by present designation.
 tsd = Type by subsequent designation.
 mt = Type by monotypy.

mitted to the Commission independently by Apstein (1915a, 129) upon recommendation of Döderlein (Strassburg).

Antedon de Fréminville, 1811, 349 (Bull. Soc. Philom., Paris, vol. 2), type, *A. gorgonia* = *Asterias bifida* Pennant, 1777.

Bathyrinus Wyville-Thompson, 1872, 772 (Proc. Roy. Soc. Edinb., vol. 7), type, *B. gracilis*.

Holopus d'Orbigny, 1837, 1 (Mag. Zool., 7 ann., classe 10), type *H. rangii* d'Orbigny.

Metacrinus (Wyville-Thomson MS. in) Carpenter, 1882, 167 (Bull. Mus. Comp. Zool. Camb., vol. 10 (4), tsd. (Clark 1908t, 527), *M. wyvillii* Carpenter, 1884.

Rhizocrinus M. Sars, 1864, 127 (Forhandl. Vidensk. Selsk.), type, *R. lofotensis*.

Crustacea. A list of 99 generic names in Crustacea was submitted to the Commission by Miss Mary J. Rathbun, Secretary to the Advisory Committee on the Nomenclature of Crustacea, who reported that, under the International Rules, she considered the names nomenclatorially correct and valid, and she recommended that they be placed in the Official List of Generic Names.

The list in question was brought to the attention of the zoological profession in the Secretary's Circular Letter no. 4, dated April, 1915, and a special effort was made to reach specialists in the group. Replies have been received from various zoologists including W. T. Calman, Stanley Kemp, J. S. Kingsley, J. G. de Man, and Thomas R. R. Stebbing.

Every name has been eliminated from the original list in regard to which either the foregoing or any other zoologist has raised the slightest objection or question in their correspondence with the Secretary of the Commission, and said names have been referred again to Miss Rathbun for further opinion.

The following list of eighty-six generic names (for bibliography see footnote ²) contains no name or type designation to which the slightest question or objection has been raised by any person:

² BIBLIOGRAPHY

- ADAMS and WHITE, 1848, Zool. Voy. H. M. S. Samarang, Crust.
 ALCOCK, 1896, Jour. Asiatic Soc., Bengal, v. 65, pt. 2, No. 2.
 ALCOCK and ANDERSON, 1899, Ann. Mag. Nat. Hist. (7), v. 3.
 BELL, 1855, Trans. Linn. Soc., Lond., v. 21.
 BENEDICT, 1892, Proc. U. S. Nat. Mus., v. 15.
 DANA, 1851, Am. Journ. Sci. (2), v. 12.
 —, 1852, Crust. U. S. Expl. Exped., v. 1.
 EYDOUX and SOULEYET, 1842, Voy. Bonite, v. 1, Crust.
 FAXON, 1893, Bull. Mus. Comp. Zool., v. 24.
 GUÉRIN, 1830, Voy. Coquille, Zool., v. 2, Crust.

Acanthocyclus Milne Edwards and Lucas, 1844, 29, mt. *A. gayi* Milne Edwards and Lucas, 1844.

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- DE HAAN, 1833, Fauna Japonica.
 HILGENDORF, 1869, S. B. Ges. Naturf. Freunde, Berlin, Jan. 21, 1868.
 LAMARCK, 1801a, Syst. Anim. sans Vert.
 LANCHESTER, 1900, Proc. Zool. Soc., Lond., pt. 3.
 LATREILLE, 1825, Encyc. Méth., v. 10.
 —, 1829a, Cuvier's Règne Anim. (2), v. 4, footnote.
 LEACH, 1814, Edin. Encyc.
 —, 1815a, Trans. Linn. Soc., Lond., v. 11.
 —, 1816, Mal. Podoph. Brit., text of pl. 3.
 —, 1817a, Zool. Misc., v. 3.
 —, 1817b, Mal. Podoph. Brit., text of pl. 25.
 —, 1820, Mal. Podoph. Brit., text of pl. 9B.
 LEACH in Desmarest, 1823, Dict. Sci. Nat., v. 28.
 MACLEAY, 1838, Zool. S. Africa, Annulosa.
 MIERS, 1877, Journ. Linn. Soc., Lond., v. 13.
 —, 1879, Proc. Zool. Soc., Lond.
 —, 1886, Chall. Rep. Zool., v. 17.
 MILNE EDWARDS, 1837, Hist. Nat. Crust., v. 2.
 —, 1844, Jacquemont's Voy. dans l'Inde, v. 4, Zool. Crust.
 —, 1848, Ann. Sci. Nat. (3), v. 9.
 —, 1853, Ann. Sci. Nat. (3), v. 20.
 —, 1865, Ann. Soc. Entom., France (4), v. 5.
 —, 1867, Ann. Soc. Entom., France (4), v. 7.
 —, 1869a, Ann. Soc. Entom., France (4), v. 9.
 —, 1869b, Nouv. Arch. Mus. Nat., Paris, v. 5.
 —, 1872, Ann. Sci. Nat. (5), v. 15.
 —, 1873a, Jour. Mus. Godeffroy, v. 4.
 —, 1873b, Nouv. Arch. Hist. Nat., Paris, v. 9.
 —, 1878, Bull. Soc. Philom. (7), v. 2.
 —, 1879, Crust. Règ. Mex.
 —, 1880, Bull. Mus. Comp. Zool., v. 8.
 MILNE EDWARDS, and LUCAS, 1844, d'Orbigny's Voy. l'Amér. Mérid., v. 6, pt. 1.
 NOBILI, 1906, Bull. Mus. Hist. Nat., Paris.
 PAULSON, 1875, Invest. Crust. Red Sea, v. 1.
 RATHBUN, 1894, Proc. U. S. Nat. Mus., v. 17.
 RÜPPELL, 1830, Krabben d. rothen Meeres.
 SAUSSURE, 1857, Rev. et Mag. Zool. (2), v. 9.
 SMITH, 1870, in Verrill, Amer. Nat., v. 3.
 STIMPSON, 1857, Proc. Bost. Soc. Nat. Hist., v. 6.
 —, 1858, Proc. Acad. Nat. Sci., Phila., v. 10.
 —, 1860, Ann. Lyc. Nat. Hist., N. Y., v. 7.
 —, 1871, Bull. Mus. Comp. Zool., v. 2.
 WHITE, 1846, Ann. Mag. Nat. Hist., v. 17.
 —, 1847, Proc. Zool. Soc., Lond., v. 15.
 WOOD-MASON, 1891, Ann. Mag. Nat. Hist. (6), v. 7.
 ZEHNTNER, 1894, Rev. Suisse Zool., v. 17.

- Actæa* de Haan, 1833, 4, 18, tpd. (1st sp.) *A. savignii* Milne Edwards, 1834 = *Cancer (Actæa) granulatus* de Haan, 1833 = *C. granulatus* Audouin, 1825, not *C. granulatus* Linnæus, 1758.
- Actæomorpha* Miers, 1877, 183, mt. *A. crosa* Miers, 1877.
- Actumnus* Dana, 1851, 128, tpd. (1st sp.) *A. tomentosus* Dana, 1852. Species not named until 1852.
- Arcania* Leach, 1817, 19, mt. *A. erinacca* = *Cancer erinaceus* Fabricius, 1787.
- Archias* Paulson, 1875, 56, mt. *A. sexdentatus* Paulson, 1875.
- Arenæus* Dana, 1851, 130, mt. *A. cribrarius* = *Lupa cribraria* Milne Edwards, 1834 = *Portunus cribrarius* Lamarck, 1818.
- Atergatis* de Haan, 1833, 4, 17, tpd. (1st sp.) *Cancer (Atergatis) integerrimus* de Haan, 1833 = *C. integerrimus* Lamarck, 1818.
- Atergatopsis* A. Milne Edwards, 1862, 43, Ann. Sci. Nat. (4), v. 18, mt. *Carpilius signatus* White, 1848.
- Banarcia* A. Milne Edwards, 1869, 168, mt. *B. armata* A. Milne Edwards, 1869.
- Bathynectes* Stimpson, 1871, 145, tod. *B. superba* = *Portunus superba* Costa, 1838? = *B. longispina* Stimpson, 1871.
- Bellia* Milne Edwards, 1848, 192, mt. *B. picta* Milne Edwards, 1848.
- Benthochascon* Alcock and Anderson, 1899, 10, mt. *B. hemingi* Alcock and Anderson, 1899.
- Caphyra* Guérin, 1830, 26, mt. *C. rouxii* Guérin, 1830.
- Carpilius* Leach in Desmarest, 1823, 228, mt. *C. maculatus* Fabricius = *C. maculatus* Linnæus, 1758.
- Carpilodes* Dana, 1851, 126, mt. *C. tristis* Dana, 1852. Species not named until 1852.
- Carpoporos* Stimpson, 1871, 138, mt. *C. papulosus* Stimpson, 1871.
- Carupa* Dana, 1851, 129, mt. *C. tenuipes* Dana, 1852. Species not named until 1852.
- Chlorodopsis* A. Milne Edwards, 1873, 227, tpd. (1st sp.) *C. melanochirus* A. Milne Edwards, 1873.
- Cænophthalmus* A. Milne Edwards, 1879, 236, mt. *C. tridentatus* A. Milne Edwards, 1879.
- Corystoides* Milne Edwards and Lucas, 1844, 31, mt. *C. chilensis* Milne Edwards and Lucas, 1844.
- Cryptocnemus* Stimpson, 1858, 161, mt. *C. pentagonus* Stimpson, 1858.
- Cyclodius* Dana, 1851, 126, tpd. (1st sp.) *C. ornatus* Dana, 1852. Species not named until 1852.
- Cymo* de Haan, 1833, 5, 22, type *Cancer (Cymo) androssiji* de Haan, 1833 = *Pilumnus* (?) *androssyi* Audouin, 1825. Only valid species; the remaining species given by de Haan is a *nomen nudum*.
- Dacryopilumnus* Nobili, 1906, 263, mt. *D. eremita* Nobili, 1906.
- Daira* de Haan, 1833, 4, 18, mt. *D. perlata* = *Cancer (Daira) perlatus* de Haan, 1833 = *C. perlatus* Herbst, 1790.
- Deckenia* Hilgendorf, 1869, 2, mt. *D. imitatrix* Hilgendorf, 1869.
- Domecia* Eydoux and Souleyet, 1842, 234, mt. *D. hispida* Eydoux and Souleyet, 1842.
- Ebalia* Leach, 1817, tpd. (1st sp.) *E. tuberosa* = *Cancer tuberosus* Pennant, 1777 = *pennanti* Leach, 1817.
- Epilobocera* Stimpson, 1860, 234, mt. *E. cubensis* Stimpson, 1860.
- Epimelus* A. Milne Edwards, 1878, 227, mt. *E. cessacii* A. Milne Edwards, 1878.

- Erimacrus* Benedict, 1892, 220, substituted for *Podacanthus*, mt. *Platycorystes* (*Podacanthus*) *iscenbeckii* Brandt, 1848.
- Erimctopus* Rathbun, 1894, 26, Proc. U. S. Nat. Mus., v. 17, mt. *E. spinosus* Rathbun, 1894.
- Euphyllax* Stimpson, 1860, 225, mt. *E. dovii* Stimpson, 1860.
- Favus* Lanchester, 1900, 767, mt. *F. granulatus* Lanchester, 1900.
- Gecarcinicus* Milne Edwards, 1844, 4, mt. *G. jacquemontii* Milne Edwards, 1844.
- Hcpatella* Smith, 1870, 250, mt. *H. amica* Smith, 1870.
- Heterolithadia* Alcock, 1896, 171, 261, mt. *H. fallax* = *Ebalia fallax* Henderson, 1893.
- Heteronucia* Alcock, 1896, 170, 177, Jour. Asiatic Soc. Bengal, v. 65, pt. 2, No. 2, mt. *H. vesiculosa* Alcock, 1896.
- Heterozius* A. Milne Edwards 1867, 275, mt. *H. rotundifrons* A. Milne Edwards, 1867.
- Hydrothelphusa* A. Milne Edwards, 1872, 2, mt. *H. agilis* A. Milne Edwards, 1872.
- Iliacantha* Stimpson, 1871, 155, tpd. (1st sp.) *I. subglobosa* Stimpson.
- Iphiculus* Adams and White, 1848, 57, mt. *I. spongiosus* Adams and White, 1848.
- Iphis* Leach, 1817, 19, 25, mt. *I. septemspinosa* = *Leucosia septemspinosa* Fabricius, 1798 = *Cancer septemspinus* Fabricius, 1787.
- Ixa* Leach, 1815, 310, 334, mt. *I. cylindrus* = *Cancer cylindrus* Fabricius, 1777.
- Leucosilia* Bell, 1855, 295, mt. *L. jurinci* = *Guaia (Iliia) jurinci* Saussure, 1853 = *L. jurinii* Bell, 1855.
- Lissocarcinus* Adams and White, 1848, 45, mt. *L. polybioides* Adams and White, 1848.
- Lithadia* Bell, 1855, 305, mt. *L. cumingii* Bell, 1855.
- Lupocyclus* Adams and White, 1848, 46, mt. *L. rotundatus* Adams and White, 1848.
- Merocryptus* A. Milne Edwards, 1873, 84, mt. *M. lambriformis* A. Milne Edwards, 1873.
- Myrodes* Bell, 1855, 298, mt. *M. cudactylus* Bell, 1855.
- Nucia* Dana, 1852, 392, 397, mt. *N. speciosa* Dana, 1852.
- Nursia* Leach, 1817, 18, mt. *N. hardwickii* Leach, 1817.
- Nursilia* Bell, 1855, 308, mt. *N. dentata* Bell, 1855.
- Onychomorpha* Stimpson, 1858, 162, mt. *O. lamelligera* Stimpson, 1858.
- Oreophorus* Rüppell, 1830, 18, mt. *O. horridus* Rüppell, 1830.
- Osachila* Stimpson, 1871, 154, mt. *O. tuberosa* Stimpson, 1871.
- Paracyclois* Miers, 1886, 288, mt. *P. milne-edwardsii* Miers, 1886.
- Parathelphusa* Milne Edwards, 1853, 213 (179), tsd. (Rathbun, 1905) *P. tridentata* Milne Edwards, 1853. In the above mentioned article references are made to the Arch. Mus. Hist. Nat. Paris, v. 7; that the former was, however, published first is recognized in Arch. f. Naturg., Jhg. 20, v. 2, 1855, p. 285.
- Parathranites* Miers, 1886, 185, mt. *Lupocyclus (Parathranites) orientalis* Miers, 1886.
- Parilia* Wood-Mason, 1891, 264, mt. *P. alcocki* Wood-Mason, 1891.
- Pariphiculus* Alcock, 1896, 171, 257, tpd. (1st sp.) *P. coronatus* = *Randallia coronata* Alcock and Anderson, 1894.

- Persephona* Leach, 1817, 18, 22, tpd. (1st sp.) *P. punctata* = *Cancer punctatus* Linn., 1758 (part) = *Cancer punctatus* Linn., 1767 = *P. latreilli* Leach, 1817 = *P. lamarckii* Leach, 1817.
- Phlyxia* Bell, 1855, 303, tpd. (1st sp.) *P. crassipes* Bell, 1855.
- Pirimela* Leach, 1816, mt. *P. denticulata* = *Cancer denticulatus* Montagu, 1808.
- Platynera* Milne Edwards, 1837, 107, mt. *P. gaudichaudii* Milne Edwards, 1837.
- Podophthalmus* Lamarck, 1801, 152, mt. *P. vigil* = *Portunus vigil* Fabricius, 1798 = *Podophthalmus spinosus* Lamarck, 1801. In 1801 Lamarck wrote "*Podophthalmus*" but later (1818) "*Podophthalmus*."
- Polybius* Leach, 1820, mt. *P. henslowii* Leach, 1820.
- Portumnus* Leach, 1814, 391, 429, mt. *P. latipes* = *Cancer latipes* Pennant, 1777 = *P. variegatus* Leach, 1814.
- Potamocarcinus* Milne Edwards, 1853, 208 (174), mt. *P. armatus* Milne Edwards, 1853.
- Potamonantes* MacLeay, 1838, 64, type *Thelphusa perlata* Milne Edwards, 1837; the only species designated by name by MacLeay.
- Pseudophilyra* Miers, 1879, 40, tpd. (1st sp.) *P. tridentata* Miers, 1879.
- Pseudothelphusa* Saussure, 1857, 305, mt. *P. americana* Saussure, 1857. Originally written *Pseudo-Thelphusa*.
- Randallia* Stimpson, 1857, Feb., 85, mt. *R. ornata* = *Ilia ornata* Randall, 1839.
- Scylla* de Haan, 1833, 3, 11, mt. *S. serrata* = *Cancer serratus* Forskål, 1775 = *Portunus (Scylla) serratus* de Haan, 1833. Only two species were given by de Haan, and they are synonymous.
- Spelæophorus* A. Milne Edwards, 1865, 148, tpd. (1st sp.) *S. nodosus* = *Oreophorus nodosus* Bell, 1855.
- Sphærocarcinus* Zehntner, 1894, 163, mt. *S. bedoti* Zehntner, 1894.
- Telmessus* White, 1846, 497, mt. *T. cheiragonus* = *T. serratus* White, 1846 = *Cancer cheiragonus* Tilesius, 1815.
- Thalamita* Latreille, 1829, 33, mt. *Cancer admete* Herbst, 1803.
- Thalamitoides* A. Milne Edwards, 1869, 146, tpd. (1st sp.) *T. quadridens* A. Milne Edwards, 1869.
- Thalamonyx* A. Milne Edwards, 1873, 168, tpd. (1st sp.) *Goniosoma danæ* A. Milne Edwards, 1869.
- Tlos* Adams and White, 1848, 57, mt. *T. muriger* Adams and White, 1848.
- Trachycarcinus* Faxon, 1893, 156, mt. *T. corallinus* Faxon, 1893.
- Trichodactylus* Latreille, 1825, 705, mt. *T. fluviatilis* Latr. 1825.
- Trichopeltarion* A. Milne Edwards, 1880, Dec. 29, 19, mt. *T. nobile* A. Milne Edwards, 1880.
- Valdivia* White, 1847, 85, mt. *V. serrata* White, 1847.

ACARINA. The following eight names in *Acarina (Ixodoidea)* have been made public to the zoological profession by publication in the following journals: Bull. Soc. Zool. France, 1915, p. 88, v. 40; Nature, 1911, p. 42, v. 88; Proc. Int. Cong. Zool. Monaco, 1913, published 1914, p. 859; Zoologischer Anzeiger, 1911, pp. 589-590, v. 38.

In addition they were brought to the attention of the zoological profession in the Secretary's Circular Letter no. 1, 1915.

The same list was submitted in Circular Letter no. 10, dated July, 1915, addressed to the members of the International Commission on Medical Zoology (Parasitology).

The list has also been submitted to Dr. Hassall, Secretary to the Advisory Committee on the Nomenclature of the Ixodoidea, and he reports favorably upon them. Finally the names were submitted to Doctor Jordan, Secretary to the International Commission on Entomological Nomenclature, and word has been received from him recommending that the Commission proceed to vote on the names in question.

Not a single objection or question of any kind has been received at the Secretary's office in regard to these names.

All of the generic names have been verified personally by the Secretary to the Commission on Zoological Nomenclature, and he considers them nomenclatorially correct and valid.

Amblyomma Koch, 1844a, 223-231 (Arch. Naturg.), type *Acarus cajennensis* Fabricius, 1787a.

Argas Latreille, 1796a, 178 (Précis), type *Acarus reflexus* Fabricius, 1794.

Dermacentor Koch, 1844a, 235-237, type *Acarus reticulatus* Fabricius, 1794.

Hæmaphysalis Koch, 1844a, 237, type *H. concinna* Koch, 1844.

Hyalomma Koch, 1844a, 220-223, type *Acarus ægyptius* Linn., 1758.

Ixodes Latreille, 1796a, 179, type *Acarus ricinus* Linnæus, 1758.

Rhipicentor Nuttall and Warburton, 1908, 398 (Proc. Cambridge Phil. Soc., vol. 14), mt. *R. bicornis* N. & W., 1908.

Rhipicephalus Koch, 1844a, 238-239, type *Ixodes sanguineus* Latreille, 1806.

DISCUSSION.—In view of the foregoing premises, and on basis of the study given by specialists in each of the three groups in question, the Secretary recommends that the foregoing names be placed in the Official List of Generic Names.

Opinion written by Stiles.

Opinion concurred in by 13 Commissioners: Allen, Apstein, Bather, Blanchard, Dautzenberg, Hartert, Horváth, Hoyle, Jordan (D. S.), Jordan (K.), Monticelli, Skinner, Stiles.

Opinion dissented from by no Commissioner.

Not voting, 5 Commissioners: Handlirsch, Kolbe, Roule, Simon, Stejneger.

Apstein: Sollen die Off. Listen von Gattungsnamen wirklich durch Ummengen beliebiger Namen beschwert werden? Von den 92 Namen Crustaceen sind die meisten wohl überflüssig, da kein Zweifel möglich ist. Es ist eine Kleinigkeit mehrere 1,000 Namen zu notieren, aber was ist damit erreicht? Entweder soll man eine kleine Zahl wichtiger, all bekannter und streittiger Gattungen aufnehmen oder alle Gattungen, dann ergibt sich ein dicker Band.

Dautzenberg: Je ne puis approuver des listes des nomina conservanda, si les noms qu'elles enferment sont considérés comme devant subsister et continuer à être employés alors même qu'on s'apercevrait un jour que l'un ou l'autre est en contradiction avec la loi de priorité. Mais s'il est entendu que les listes dressées par des spécialistes compétents ne pourront être modifiées que s'il est clairement démontré que tel ou tel nom est en contradiction évidente avec la loi de priorité, je suis prêt à apposer ma signature au bas de ces listes.

Jordan (D. S.): I have no objection, but I think that a study beginning from Linnæus and proceeding upward will save time.

Stiles: The problem is not a theoretical one as to what is the *best* way to establish an Official List, or what kind of a list to establish, but rather what is *any* way to meet the divergent views of scores of independent workers and make progress by voluntary (namely unpaid) cooperation. A long list of Nomina Conservanda has been proposed by one Commissioner (Apstein) and this has brought to the Secretary a storm of protests together with urgent appeals from general zoologists to establish some sort of list so that nomenclature will be more stable. Careful studies of various groups have been made by various Commissioners and other zoologists, but numerous cases and questions have been left open and undecided. A Code has been adopted which covers the vast majority of cases and persons who understand nomenclature can apply these rules to most of the names with which they have to deal. Still, up to recent years the striking trend of nomenclature has been to emphasize differences rather than agreements of views as respects names. The Official List is an attempt to allow the troubled waters to settle awhile and *to see in how far we all agree*; thus it is trying out a new technique in the hope of obtaining results, and the more names that can be shown to be acceptable to all workers, despite divergent views as to *why* they are acceptable, the more settled will be the subject of nomenclature, even if many disputed points must be left to future generations.

To insist at present upon an immediate application of the Code to *all* disputed cases or to an adoption of Nomina Conservanda to cover *all* disputed cases would inevitably result in two independent nomenclatures and this is not practical until we find out which are the disputed names, into what categories these can be classified, and why they are in dispute. Herein lies the value in comparing the Apstein (Nomina Conservanda) and the Jordan (Priority) lists. When certain generic names of fishes appear in both lists, and are

placed in an Official List, while other names show disagreement, we obtain a clearer vision of our problems.

The Official List has a chief object and a chief result in view: The chief object is to give to the general zoologists a list of names which, so far as can humanly be determined, seem to be beyond dispute; the chief result is to find out where we all can agree, thereby bringing us all more closely together before we reach the final differences of opinion on cases which are in dispute.

The outlook for settling *all* cases by *any one* method in our generation is hopeless—unless we can change human nature. Our lives in general are made up of a series of compromises in policies in order to carry out principles; nomenclature can hardly hope to escape this same necessity. The great principles in nomenclature are (1) stability in so far as this is possible under a system of changing conceptions as to classification, and (2) objectivity as to selection between competitive names; the methods by which these desiderata are to be reached are dependent fully as much upon policy as upon principle, and secondary principles can well afford to make way for policies which, by compromises, hold out hope for success of the primary principle.